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Technology Center 2100 Pocket No. 81524/7754



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Gehring, et al.

Application No.: 10/032,228

Filed: 12/21/2001

Title: ENCRYPTION KEY DISTRIBUTION  
AND NETWORK REGISTRATION  
SYSTEM, APPARATUS AND METHOD

Group Art Unit: 2131


Examiner: Sheikh, Ayaz R.

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) on this date:

) 07/13/2004  
) date

  
Scott J. Menghini  
Reg. No. 42,880  
Attorney for Applicants

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted:

X  Under 37 CFR §1.97(b) (within three months of the filing date of a national application or date of entry of an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last). However, should a first Office Action on the merits be mailed unbeknownst to the undersigned prior to the date of mailing of this paper, the fee requested under §1.17(p) may be charged to Deposit Account No. 06-1135.

   Under 37 CFR §1.97(c) together with either:  
    a statement under 37 CFR §1.97(e), or  
    a fee under 37 CFR §1.17(p)

(after the 37 CFR §1.97(b) time period, but before the mailing date of a final Action, a Notice of Allowance, or an action that otherwise closes prosecution).

- \_\_\_\_ Under 37 CFR §1.97(d) together with:
- \_\_\_\_ a statement under 37 CFR §1.97(e), and
  - \_\_\_\_ a fee under 37 CFR §1.17(p)  
(after the 37 CFR §1.97(c) time period, but on or before payment of the issue fee).

In accordance with the duty of disclosure imposed by 37 CFR § 1.56 to inform the Patent Office of all patents, publications, applications and other information known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 CFR §§ 1.97-1.98 and includes Form PTO-1449 with thirteen (13) references listed as items AA-AM.

It is requested that the information provided herein be made of record in this application.

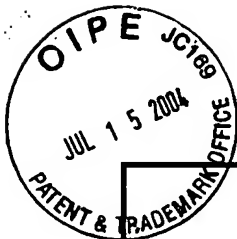
Dated: 7/13/2004

Respectfully submitted,

  
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Scott J. Menghini  
Attorney for Applicants  
Reg. No. 42,880

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2131  
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PTO/SB/21 (08-03)

Approval for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/032,228

Filing Date December 21, 2003

First Named Inventor Gehring

Art Unit 2131

Examiner Name Sheikh, Ayaz R.

Total Number of Pages in This Submission

Attorney Docket Number 81524/7754

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### ENCLOSURES (check all that apply)

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| <input type="checkbox"/> Fee Attached                                        | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Reply                                   | <input type="checkbox"/> Petition                                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                         | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information                                           |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter                                                     |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer                                            | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund                                             | 1) Form PTO-1449;                                                                          |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s) _____                                      | 2) Thirteen (13) References; and                                                           |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              |                                                                                         | 3) Return Receipt Postcard                                                                 |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |                                                                                         |                                                                                            |
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### REMARKS:

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual name Scott J. Menghini, Reg. No. 42,880

Signature

Date

July 13, 2004

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 the date shown below.

July 13, 2004

Typed or printed name Scott J. Menghini

Signature

Date

July 13, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Form PTO-1449 (Modified) <b>INFORMATION DISCLOSURE ATTENTION IN AN APPLICATION</b>	Application No.	10/032,228
	Filing Date	12/21/2001
	First Named Inventor	Gehring
	Group Art Unit	2131
	Examiner Name	Sheikh, Ayaz R.
Sheet 1 of 3	Attorney Docket No.	81524/1154

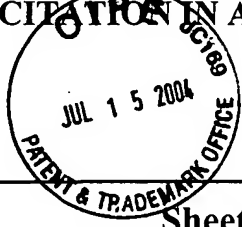
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Technology Center 2100


U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD- YYYY)	CLASS	SUB CLASS	FILING DATE
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	AA		US 2003/0086388	A1	Peters, et al.	05-08-2003			08-09-2002

FOREIGN PATENT DOCUMENTS										
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION	
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)				YES	NO

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AB		A. S. TANENBAUM, "Operating Systems: Design and Implementation", chapter 4, pp 216-217, Prentice Hall, 1987.
	AC		COMPAQ COMPUTER CORPORATION, ET AL.; <i>Universal Serial Bus Specification Revision 2.0</i> ; April 27, 2000; pp 19-20, 24, 195-208; USB Implementers Forum, Inc.

Form PTO-1449 (Modified)  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  	Application No.	10/032,228	
	Filing Date	12/21/2001	
	First Named Inventor	Gehring	
	Group Art Unit	2131 Technology Center 2100	
	Examiner Name	Sheikh, Ayaz R.	
Sheet 2 of 3		Attorney Docket No.	81524/7754

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AD		EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI); <i>EN 300 652 V1.2.1 "Broadband Radio Access Networks (BRAN); High Performance Radio Local Area Network (HIPERLAN) Type 1; Functional Specification"</i> ; Volume 1.2.1; July 1998; pp 15-20, 28-34, 37-40, 46-52, 63-79; ETSI.
	AE		EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI); <i>ETSI Technical Report, ETR 133, "Radio Equipment and Systems (RES); High Performance Radio Local Area Network (HIPERLAN); System Definition"</i> ; July 1994; pp 9-25; ETSI.
	AF		EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI); <i>ETSI TS 101 761-1 V1.1.1; "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer Part 1: Basic Data Transport Functions"</i> ; Volume 1.1.1; April 2000; pp 12-14, 47-62, 75-81; ETSI.
	AG		EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI); <i>ETSI TS 101 761-2 V1.1.1; "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 2: Radio Link Control (RLC) sublayer"</i> ; Volume 1.1.1; April 2000; pp 17-52; ETSI.
	AH		EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI); <i>ETSI TS 101 761-4 V1.1.1; "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment"</i> ; Volume 1.1.1; June 2000; pp 13-17, 25-27, 71-80; ETSI.
	AI		G. J. POPEK AND C. S. KLINE, "Encryption and Secure Computer Networks", pp 331-356, ACM Computing Surveys, v.11, n.4, 1979 as published at <a href="http://www.cs.wisc.edu/~sschang/OS-Qual/security/network_security.htm">www.cs.wisc.edu/~sschang/OS-Qual/security/network_security.htm</a> ; pp 1-2; University of Wisconsin, Computer Sciences.

Form PTO-1449 (Modified)  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  	Application No.	10/032,228
	Filing Date	12/21/2000
	First Named Inventor	Gehring
	Group Art Unit	2131
	Examiner Name	Sheikh, Ayaz R.
Sheet 3 of 3	Attorney Docket No.	81524/7754

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	AJ		INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE); <i>ISO/IEC 8802-11:1999(E)</i> ; <i>ANSI/IEEE Std 802.11</i> ; First Edition, 1999; pp 17-33, 59-69, 98-116, 136-137; IEEE.
	AK		TELEFONAKTIEBOLAGET LM ERICSSON, ET AL.; <i>Specification of the Bluetooth System (Core)</i> ; Volume 1; Version 1.0B; November 29, 1999; pp 45-46, 149-177, 193-202, 449-450, 1042-1061; Bluetooth Special Interest Group (SIG).
	AL		TELEFONAKTIEBOLAGET LM ERICSSON, ET AL.; <i>Specification of the Bluetooth System (Core)</i> ; <i>"HCI RS232 Transport Layer"</i> ; Volume 1; Version 1.0B; November 29, 1999; pp 778-793; Bluetooth Special Interest Group (SIG).
	AM		TELEFONAKTIEBOLAGET LM ERICSSON, ET AL.; <i>Specification of the Bluetooth System (Profiles)</i> ; Volume 2; Version 1.0B; December 1, 1999; pp 22-51; Bluetooth Special Interest Group (SIG).

Examiner Signature		Date Considered	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			